

Legend

PUBLIC UTILITIES

<u>Column Number</u>	<u>Code</u>	<u>Description</u>
(1)	*	Indicates a project not previously shown in the CIP
(3)	A	Urgent
	B	Necessary
	C	Desirable
(4 & 7)	AA	Urban Area Projects
	AF	Athletic Fees
	BR	Bridge Replacement
	CD	Community Development Block Grant
	CF	Community Improvement Financing
	CO	Lancaster County
	DC	Developer Contribution
	FA	Federal Aids
	GF	Golf Capital Improvements
	GO	G.O. Bonds
	GR	General Revenues
	KF	Keno Funds
	LF	Landfill Revenues
	MF	Municipal Infrastructure Redevelopment Fund
	NE	State Revenue or Aid
	NH	National Highway System
	OF	Other Financing
	PB	Transportation Enhancement
	PP	STPP - Hazard Elimination
	RB	Revenue Bonds
	RT	Railroad Transportation Safety District
	S9	Section 9
	SC	Service Charges
	SF	State/Federal Funds
	SO	Highway Allocation Funds
	SR	Special Reserves
	TF	Tennis Fees
	TM	State - Train Mile Tax
	UF	User Fees
	UK	Unknown
	UR	Utility Revenues
	WR	City Residual Wheel Tax
	WC	City Wheel Tax New Construction
(9)	ICWP	In Conformance with the Plan
	GCP	Generally Conforms with the Plan
	NIP	Not Included in the Plan
	NICP	Not in Conformance with the Plan
(10)	0	Plans not needed
	1	Nothing done except this report
	2	Preliminary estimate received
	3	Surveys completed
	4	Work on plans scheduled
	5	Sketch plans in preparation
	6	Sketch plans completed
	7	Detail plans in preparation
	8	Detail plans completed

Project Summary and Justification

Department **Public Works and Utilities**

Division **Wastewater**

The Capital Improvement Program for the 2000-2006 period is a continuing and comprehensive effort to assure the proper collection and treatment of current and future general wastewater flows and loads in a manner that protects human health and the environment and that meets Federal and State of Nebraska Department of Environmental Quality (NDEQ) NPDES discharge permits and operating requirements.

Project 1 Subsidies. (Continuation, 502500)

To provide for construction of mains larger than 8" in diameter residential, commercial, and industrial areas. Also, to subsidize mains in certain wastewater districts, new subdivisions, future growth areas, or other City projects.

Project 2 Preliminary Design and Engineering Support. (Continuation, 502610)

Provide for preliminary design and review of unanticipated wastewater projects.

Project 3 Selected Replacement or Repair of Wastewater Facilities And/or Collectors. (Continuation, 700359)

Provides for replacement, reconstruction, and/or repair of wastewater facilities and/or collectors that have served their useful lives and are in poor structural condition. Included are repairs to collectors and appurtenances to reduce infiltration and inflow into the system. Easements may be required.

Project 4 Selected Replacement or Repair of Manholes. (Continuation, 502720)

To provide replacement and/or repair of selected manholes in the collection system that are in poor structural condition and particularly those manholes that contribute to infiltration and extraneous inflow into the system.

Project 5 Collection System Replacements/Repairs

- a. Repair Sanitary Sewer - N. 68th, Aylesworth to Holdrege.
- b. Repair Sanitary Sewer - S. 6th and South.
- c. Repair Sanitary Sewer - between "O" and "N", S. 19th to S. 20th.
- d. Repair Sanitary Sewer - various locations, S. 50th to S. 56th, Valley to "A" Street.
- e. Replace Sanitary Sewer - Wedgewood Dr. and "O".
- f. Replace Sanitary Sewer - S. 6th - S. 5th, between "B" and "C".
- g. Replace Sanitary Sewer - N. 71st, between Francis and Aylesworth.
- h. Replace Standby Generator - Liftstation No. C-6, near West Industrial Lake Drive and Salt Creek.
- i. Liftstation No. C-9 - Influent Grinding and Replace Personnel/Equipment Lift Elevator.

These collection system projects provide for necessary improvements and replacements to the wastewater collection system lines and liftstations to maintain service in these areas. Included are those lines that are in poor structural condition with deteriorated flow characteristics, corroded, or broken and are in need of replacement.

Project Summary and Justification (cont.)

TRUNK SEWER SYSTEM IMPROVEMENTS

The following trunk and relief sewer projects provide for additional and future capacity by relieving overloaded and surcharging conditions in existing trunk lines due to Lincoln's continuing growth. Extending of the described trunk sewers in the various basins provides for meeting future growth and development needs of the City in these basins.

- Project 6 Salt Valley Basin - Relief Sewer Improvements. (Continuation, 502450)**
a. Phase II.b. - Vine Street and Salt Creek to approximately S. 3rd and "K" Street.
b. Phase V. - Pioneers Blvd. to Old Cheney Rd.
c. Upper Southeast Salt Creek - S. 27th and Yankee Hill Road to Rokeby Road.
(Continuation, 502451)
- Project 7 Northeast Salt Creek Basin. N. 56th to N. 70th, north of Salt Creek.**
- Project 8 Little Salt Creek Basin. (Continuation, 502005)**
a. Extend Trunk Sewer - N. 27th and Fletcher, northwest to I-80.
b. N. 31st Street Liftstation Outfall Improvements - N. 31st and Salt Creek to Cornhusker.
c. Extend Trunk Sewer - I-80 to approximately N. 14th and Wildcat Dr.
- Project 9 Antelope Creek Basin. (Continuation, 502141 and 502142)**
a. Relief Sewer - S. 89th and Blackstone to S. 88th and Old Cheney Rd.
b. Extend Trunk Sewer - S. 92nd and Pine Lake Rd. to Hwy. #2.
c. Construct Relief Sewer - S. 70th and Holmes Park Rd.
- Project 10 Oak Creek Basin. (Continuation, 502940)**
a. Phase IV. - North Bank Trunk Sewer Extension - NW 38th to NW 40th and Hwy. #34.
- Project 11 Beals Slough Relief Sewer Improvements. (Continuation, 700333 and 700923)**
a. Extend Trunk Sewer - S. 65th and Shadow Pines Ct. to S. 65th and Pine Lake Rd., and Pine Lake Rd., S. 74th to Hwy. #2.
b. Extend Trunk Sewer - S. 65th and Pine Lake Rd. to S. 70th and Yankee Hill Rd.
- Project 12 West "O" Street Trunk Sewer Extension.**
a. Extend Trunk Sewer - BNSF Yards, SW 27th to SW 40th. (Continuation, 701019)
b. Extend Trunk Sewer - SW 40th to near NW 48th and I-80.
- Project 13 Lynn Creek Trunk Sewer Extension - From approximately NW 12th to north of Hwy. #34.**
- Project 14 Stevens Creek Basin - Phase I. - NETP to approximately Hwy. #6.**

Project Summary and Justification (cont.)

TREATMENT FACILITIES

New NPDES discharge permits for both facilities will further define limits and are anticipated for issuance in 1999 after stream water quality studies are completed. The noted treatment facility improvement projects for the Theresa and Northeast treatment facilities provide for additional growth and capacity, maintain proper and cost efficient treatment to meet current and future NPDES effluent discharge limits, flood protection of critical facilities, and other necessary improvements.

Project 15 Theresa Street Improvements.

- a. Liquid Waste Facility Improvements - New Grit Waste Handling Station.
- b. Grit Removal Basin Improvements. (Continuation, 700329)
- c. Disinfection Facilities Improvements. (Continuation, 700330)
- d. Aeration System Improvements. (Continuation, 700910)
- e. New Primary Clarifier. (Continuation, 502380)
- f. Nitrification Facilities. (Continuation, 502420)
- g. Solids Handling Improvements - Upgrade Dissolved Air Flotation (DAF) Thickener.
- h. SCADA Control Building Improvements - ADA Requirements. (Continuation, 502390)

Odor and Corrosion Control Facilities

- i. DAF Building and Primary Clarifiers 5 and 6.
- j. Facility Liftstation and Inlet Headworks.

Projects 15a., b., d., e., and g. provide for additional capacity to meet future loads and flows. Disinfection facility improvements, Project 15c., provides for ultra-violet light disinfection of the effluent prior to discharge. Construction of advanced treatment facilities (Project 15f.) for nitrification are necessary to reduce ammonia concentrations in the discharge to meet water quality standards and criteria for Salt Creek. The funding in the initial years of the program has been added to replace those previous years appropriations that were transferred early in the year 2000 to assist with funding and accelerating implementation of Phase II.a. of the Salt Valley Trunk Sewer Project (No. 6 described above). Also, Project 15h. identifies SCADA control room improvements for meeting ADA requirements in the building. Reduction and control of odors at the facility are provided in Projects 15i. and j.

Project 16 Northeast Improvements.

- a. Grit Removal Facilities Improvements.
- b. Solids Handling Improvements - Screening and Anaerobic Digester Modifications and Improvements. (Continuation, 502126)
- c. Replace Influent Bar Screening Equipment.
- d. Bio-Tower Upgrades and Improvements.
- e. Primary Clarifiers - Modifications and Improvements.
- f. Nitrification Facilities. (Continuation, 502510)
- g. North 70th Street Paving (Wastewater's Contribution)

Improvement to grit removal and solids handling facilities for reducing generated volumes and improving the handling and anaerobic treatment of solids in a cost effective manner are included in Projects 16a. and b. Also, projects 16a. through 16e. provide for replacement, upgrading, and improvements to unit processes to provide additional capacity to meet future service requirements, loads, and flows. Construction of advanced treatment facilities at Northeast for nitrification to reduce ammonia concentrations in the discharge are provided in Project 15f. The funding in the initial years of the program has been added to replace those previous years appropriations that were transferred early in the year 2000 to assist with funding and accelerating implementation of Phase II.a. of the Salt Valley Trunk Sewer Project (No. 6 described above).

Project Summary and Justification (cont.)

Project 17 Electrical Control and Automation Improvements at Treatment Facilities. (Continuation, 502390)

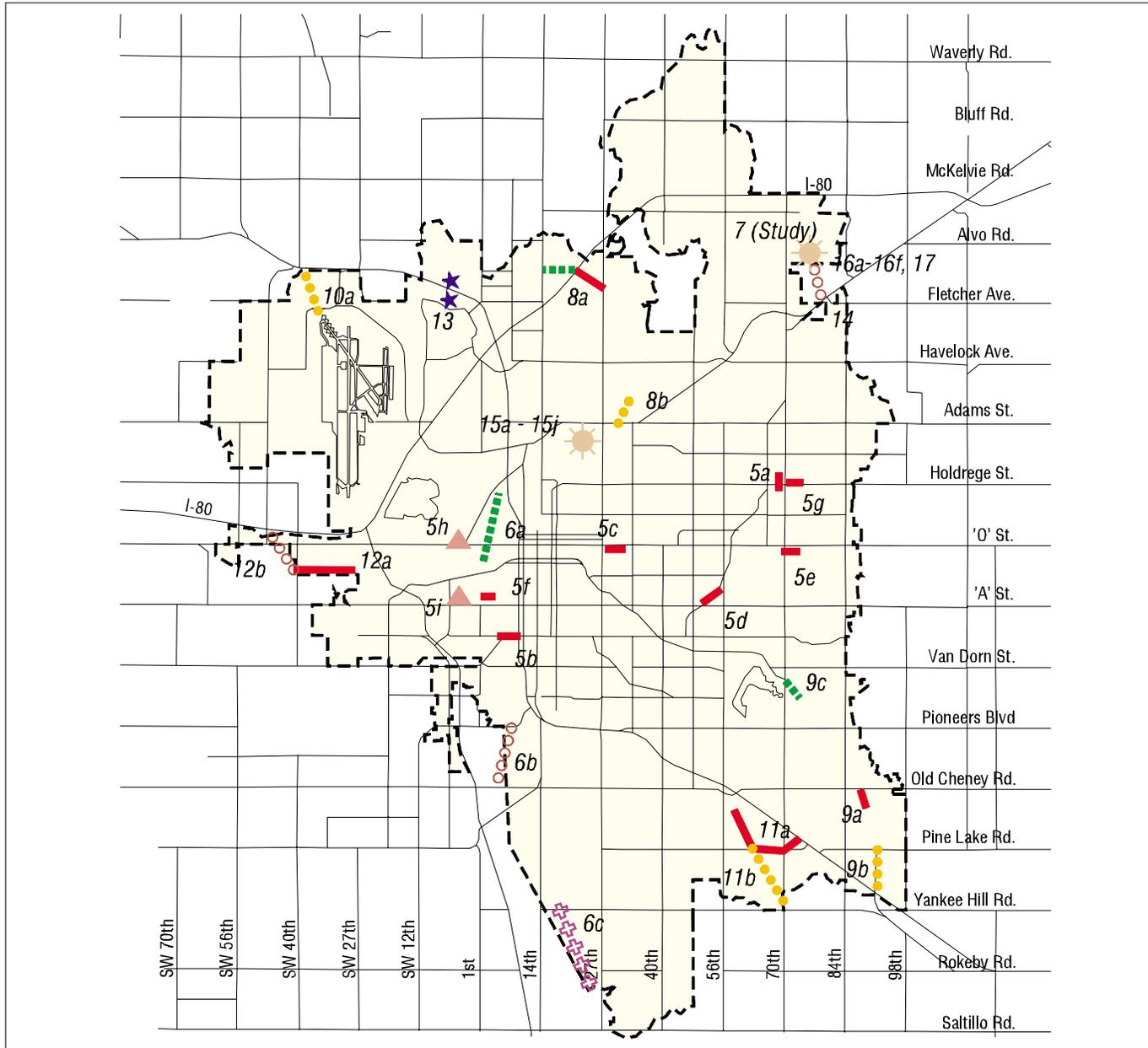
This project is a continuing effort to add considerable reliability to the control and electrical systems at the treatment facilities by providing upgrades to supervisory control and data monitoring of the treatment processes and related mechanical and electrical equipment to maintain treatment and improve operational efficiency.

Project 18 Facilities Plan Update.

Updates the current Facilities Master Plan for Wastewater to identify improvements to meet future wastewater and treatment needs of the users of the Lincoln Wastewater System in accordance with the City's continuing comprehensive planning efforts and to meet State and Federal regulatory operating requirements.

Lincoln CIP 2000 - 2006

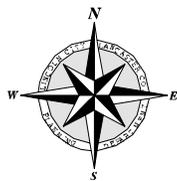
Public Utilities Wastewater



**L
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Lincoln Future Service Limit Shown in Light Yellow

Map prepared by
City - Co. Planning Dept
GIS Section



MILES
0 1 2 3

Symbol for Fiscal Years

-  2000-2001
-  2001-2002
-  2002-2003
-  2003-2004
-  2004-2005
-  2005-2006
-  Treatment Plant
-  Lift Station

(Capital improvements often take many years to complete. The year shown on this map reflects the start up year or year of greatest activity. Consult the detailed project lists for further information on project scheduling and likely completion.)

List of Projects Department: **Public Works and Utilities/Wastewater**

Project Number	Project Title
(1.)	Subsidies. (Continuation, 502500)
(2.)	Preliminary Design and Engineering Support. (Continuation, 502610)
(3.)	Selected Replacement or Repair of Wastewater Facilities and/or Collectors. (Continuation, 700359)
(4.)	Selected Replacement or Repair of Manholes. (Continuation, 502720)
5.	Collection System Replacements/Repairs.
5a.*	Repair Sanitary Sewer - N. 68th, Aylesworth to Holdrege.
5b.*	Repair Sanitary Sewer - S. 6th and South.
5c.*	Repair Sanitary Sewer - between "O" and "N", S. 19th to S. 20th.
5d.*	Repair Sanitary Sewer - various locations, S. 50th to S. 56th, Valley to "A" Street.
5e.*	Replace Sanitary Sewer - Wedgewood Drive and "O".
5f.*	Replace Sanitary Sewer - S. 6th - S. 5th, between "B" and "C".
5g.*	Replace Sanitary Sewer - N. 71st, between Francis and Aylesworth.
5h.	Replace Standby Generator - Liftstation No. C-6, near West Industrial Lake Drive and Salt Creek.
5i.*	Liftstation No. C-9 - Influent Grinding and Replace Personnel/Equipment Lift Elevator.
6.	Salt Valley Basin - Relief Sewer Improvements. (Continuation, 502450).
6a.	Phase II.b. - Vine Street and Salt Creek to approximately S. 3rd and "K" Street.
6b.	Phase V. - Pioneers Blvd. to Old Cheney Road.
6c.	Upper Southeast Salt Creek - S. 27th and Yankee Hill Road to Rokeby Road (Continuation, 502451)
7.	Northeast Salt Creek Basin - N. 56th to N. 70th, north of Salt Creek.
8.	Little Salt Creek Basin. (Continuation, 502005)
8a.	Extend Trunk Sewer - N. 27th and Fletcher, northwest to I-80.
8b.	N. 31st Street Liftstation Outfall Improvements - N. 31st and Salt Creek to Cornhusker.
8c.*	Extend Trunk Sewer - I-80 to approximately N. 14th and Wildcat Drive.
9.	Antelope Creek Basin. (Continuation, 502141 and 502142)
9a.*	Relief Sewer - S. 89th and Blackstone to S. 88th and Old Cheney Road.
9b.	Extend Trunk Sewer - S. 92nd and Pine Lake Road to Hwy. #2.
9c.	Construct Relief Sewer - S. 70th and Holmes Park Road.
10.	Oak Creek Basin. (Continuation, 502940)
10a.	Phase IV. - North Bank Trunk Sewer Extension - Northwest 38th to Northwest 40th and Hwy. #34.
11.	Beals Slough Relief Sewer Improvements. (Continuation, 700333 and 700923)
11a.	Extend Trunk Sewer - S. 65th and Shadow Pines Cr. to S. 65th and Pine Lake, and Pine Lake, S. 74th to Hwy. #2.
11b.*	Extend Trunk Sewer - S. 65th and Pine Lake Road to S. 70th and Yankee Hill Road.
12.	West O Street Trunk Sewer Extension.
12a.	Extend Trunk Sewer - BNSF Yards, Southwest 27th to Southwest 40th. (Continuation, 701019)
12b.	Extend Trunk Sewer - Southwest 40th to near Northwest 48th and I-80.
13.*	Lynn Creek Trunk Sewer Extension - from approximately Northwest 12th to north of Hwy. #34.
14.	Stevens Creek Basin - Phase I. - NETP to approximately Hwy. #6.
15.	Theresa Street Improvements.
15a.	Liquid Waste Facility Improvements - New Grit Waste Handling Station.
15b.	Grit Removal Basin Improvements. (Continuation, 700329)
15c.*	Disinfection Facilities Improvements. (Continuation, 700330)
15d.	Aeration System Improvements. (Continuation, 700910)
15e.	New Primary Clarifier. (Continuation, 502380)
15f.	Nitrification Facilities. (Continuation, 502420)
15g.*	Solids Handling Improvements - Upgrade Dissolved Air Flotation (DAF) Thickener.
15h.	SCADA Control Building Improvements - ADA Requirements. (Continuation, 502390)
15i.	DAF Building and Primary Clarifiers 5 and 6.
15j.	Facility Liftstation and Inlet Headworks.
16.	Northeast Improvements.
16a.	Grit Removal Facilities Improvements.
16b.	Solids Handling Improvements - Screening and Anaerobic Digester Modifications and Improvements. (Cont., 502126)
16c.*	Replace Influent Bar Screening Equipment.
16d.*	Bio-Tower Upgrades and Improvements.
16e.*	Primary Clarifiers - Modifications and Improvements.
16f.	Nitrification Facilities. (Continuation, 502510)
(16g.)	North 70 th Street Paving (Wastewater's Contribution)
17.	Electrical Control and Automation Improvements at Treatment Facilities. (Continuation, 502390)
(18.)	Facilities Plan Update.

Project number in parenthesis indicates project is not shown on map.

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	5% Inflation per year (4)					
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS
1.	SUBSIDIES. (Continuation, 502500)	A	120.0 UR	126.0 UR	132.0 UR	139.0 UR	145.0 UR	153.0 UR
2.	PRELIMINARY DESIGN AND ENGINEERING SUPPORT. (Continuation, 502610)	A	23.6 UR	24.1 UR	24.6 UR	25.1 UR	25.6 UR	26.1 UR
3.	SELECTED REPLACEMENT OR REPAIR OF WASTEWATER FACILITIES AND/OR COLLECTORS. (Continuation, 700359)	A	150.0 UR	886.0 UR	904.0 UR	930.3 UR	948.9 UR	967.9 UR
4.	SELECTED REPLACEMENT OR REPAIR OF MANHOLES. (Continuation, 502720)	A	109.6 UR	133.5 UR	136.2 UR	140.2 UR	143.0 UR	145.9 UR
5.	COLLECTION SYSTEM REPLACEMENTS/ REPAIRS.							
5a.*	Repair Sanitary Sewer - N. 68th, Aylesworth to Holdrege	A	20.0 UR					
5b.*	Repair Sanitary Sewer - S. 6th and South St.	A	10.0 UR					
5c.*	Repair Sanitary Sewer - between "O" and "N", S. 19th to S. 20th	A	15.0 UR					
5.d.*	Repair Sanitary Sewers - various locations, S. 50th to S. 56th, "A" St. to Valley	A	80.0 UR					
5e.*	Replace Sanitary Sewer - Wedgewood Dr. & "O" St.	A	15.0 UR					
5f.*	Replace Sanitary Sewer - S. 6th to S. 5th, between "B" and "C"	A	30.0 UR					
5g.*	Replace Sanitary Sewer - N. 71st, between Francis & Aylesworth	A	15.0 UR					
5h.	Replace Standby Generator - Liftstation No. C-6, near West Industrial Lake Drive and Salt Creek.	B				46.0 UR		
5i.*	Liftstation No. C-9 - Influent Grinding and Replace Personnel/Equipment Lift Elevator	A	65.0 UR					

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.	
		YEAR	FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)
815.0	Unknown	Continuous		815.0	GCP	1					815.0		1.
149.1	Unknown	Continuous		149.1	GCP	1	149.1						2.
4,787.1	Unknown	Continuous		4,787.1	GCP	1					4,787.1		3.
808.4	Unknown	Continuous		808.4	GCP	2					808.4		4.
													5.
20.0	Unknown	None		20.0	GCP	2		2.0			18.0		5a.*
10.0	Unknown	None		10.0	GCP	2		1.0			9.0		5b.*
15.0	Unknown	None		15.0	GCP	2		1.0			14.0		5c.*
80.0	Unknown	None		80.0	GCP	2		8.0			72.0		5d.*
15.0	Unknown	None		15.0	GCP	2		1.0			14.0		5e.*
30.0	Unknown	None		30.0	GCP	2		3.0			27.0		5f.*
15.0	Unknown	None		15.0	GCP	2		1.0			14.0		5g.*
46.0	Unknown	None		46.0	GCP	2		4.5			41.5		5h.
65.0	Unknown	None		65.0	GCP	2		6.0			59.0		5i.*

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	(4) 5% Inflation per year							
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)							
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS		
	TRUNK SEWER SYSTEM									
6.	SALT VALLEY BASIN - Relief Sewer(Con't 502450)									
6.a.	Phase II.b. - Vine & Salt Creek to 3rd & "K" St.	A		100.0 UR			1,270.0 RB	1,800.0 RB		500.0 RB
6.b.	Phase V - Pioneers Blvd. to Old Cheney Rd.	B					200.0 RB	900.0 RB		670.0 RB
6.c.	Upper S.E. Salt Creek - 27th & Yankee Hill Rd. to Rokeby (Continuation 502451)	B								200.0 RB
7.	NORTHEAST SALT CREEK BASIN - 56th to 70th, north of Salt Creek.	C								
	a. Preliminary Design			25.0 UR			50.0 UR			
	b. Future Construction									
8.	LITTLE SALT CREEK BASIN (Continuation, 502005)									
8a.	Extend Trunk - N. 27th and Fletcher to I-80	A	150.0 UR							
8b.	N. 31st Street Liftstation Outfall Improvements - N. 31st and Salt Creek to Cornhusker	B			40.0 UR		400.0 RB			
8.c.*	Extend Trunk Sewer - I-80 to approximately N. 14th and Wildcat Drive	B		35.0 UR		220.0 UR 120.0 DC				
9.	ANTELOPE CREEK BASIN (Continuation, 502141 & 502142)									
9a.*	Relief Sewer - S. 89th and Blackstone to S. 88th and Old Cheney Road	A	30.0 UR							
9b.	Extend Trunk Sewer - S. 92nd & Pine Lake Road to Hwy. #2	B			48.0 UR 50.0 DC					
9c.	Construct Relief Sewer - S. 70th and Holmes Park Road	B		190.0 UR 190.0 DC						
10.	OAK CREEK BASIN (Continuation 502940)									
10a.	Phase IV - North Bank Trunk Sewer Extension - Northwest 38th to Northwest 40th and Hwy. #34	C			60.0 UR			490.0 RB		325.0 RB
11.	BEALS SLOUGH BASIN - Relief Sewer Improvements (Continuation 700333 & 700923)									
11a.	Extend Trunk -S. 65th & Shadow Pines Court to S. 65th & Pine Lake Rd., then to S. 74 to Hwy #2	A	120.0 UR							
11b.*	Extend Trunk - S. 65th and Pine Lake Rd. to S. 70th and Yankee Hill Road	C			80.0 UR		450.0 RB			244.0 RB
12.	WEST "O" ST. TRUNK SEWER EXTENSION									
12a.	Extend Trunk Sewer - BNSF Yards, SW 27th to 27th to SW 40th (Continuation 701019)	A	1,100.0 UR							
12b.	Extend Trunk Sewer - Southwest 40th to near Northwest 48th and I-80.	C					50.0 UR	1,000.0 RB		570.0 RB
13.*	LYNN CREEK TRUNK SEWER EXTENSION - NW 12th to north of Hwy. #34	C						30.0 UR		340.0 RB
14.	STEVENS CREEK BASINI - NETP to Hwy. 6	C								
	a. Preliminary Design Study						300.0 UR			
	b. Future Construction									

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's)	COMP PLAN	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
		(000's)	YEAR FS	(5)+(6)+(7)	CONFORM		PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
3,670.0	16,600.0	6,615.2	88-00	26,885.2	ICWP	2, 6		360.0	100.0	3,210.0			6.
1,770.0	650.0	None		2,420.0	ICWP	2, 6		200.0	120.0	1,450.0			6.a.
200.0	1,710.0	750.0	99-00	2,660.0	ICWP	2, 7		150.0	50.0				6.b.
		None		796.0	GCP	2, 6	50.0		25.0				6.c.
75.0	746.0												7.
													8.
150.0	Unknown	200.0	96-00	350.0	ICWP	2				150.0			8a.
440.0	Unknown	None		440.0	ICWP	2		40.0		400.0			8b.
375.0	746.0	None		1,121.0	GCP	2		38.0		337.0			8.c.*
													9.
30.0	Unknown	None		30.0	GCP	2, 6		3.0		27.0			9a.*
98.0	Unknown	526.6	95-00	624.6	GCP	2, 6		10.0		88.0			9b.
380.0	Unknown	None		380.0	ICWP	2, 6		40.0		340.0			9c.
													10.
875.0	3,400.0	2,314.2	90-00	6,589.2	GCP	2	30.0	82.0	30.0	733.0			10a.
													11.
120.0	10,550.0	889.0	97-00	11,559.0	GCP	2, 6				120.0			11a.
774.0	Unknown	None		774.0	GCP	2		60.0	50.0	664.0			11b.*
													12.
1,100.0	1,150.0	530.0	99-00	2,780.0	ICWP	2, 7				1,100.0			12a.
1,620.0	Unknown	None		1,620.0	GCP	2	50.0	150.0	100.0	1,320.0			12b.
370.0	Unknown	None		370.0	GCP	2		40.0		330.0			13.*
		None			GCP	2	80.0	220.0					14.
300.0	4,500.0												

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	5% Inflation per year (4)						
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	
	TREATMENT FACILITIES								
15.	THERESA STREET IMPROVEMENTS								
15a.	Liquid Waste Facility Improvements - New Grit Waste Handling Station.	B		200.0 UR					
15b.	Grit Removal Basin Improvements (Continuation, 700329)	B		350.0 UR	1,750.0 RB		2,000.0 RB		
15c.	Disinfection Facilities Improvements (Continuation, 700330)	A	800.0 UR	835.0 UR					
15d.	Aeration Sys Improvements (Cont., 700910)	A	1,200.0 UR	1,500.0 UR					
15e.	New Primary Clarifier (Continuation 502380)	C						116.0 UR 149.0 RB	640.0 RB
15f.	Nitrification Facilities (Continuation, 502420)	A	1,800.0 UR	3,200.0 UR	320.0 UR 2,250.0 RB	2,320.0 RB	2,320.0 RB		2,290.0 RB
15g.*	Solids Handling & Dewatering Improvements - Upgrade Air Flotation (DAF) Thickner	C							66.0 UR
15h.	SCADA Control Building Improvements - ADA Requirements (Continuation, 502390)	A	300.0 UR						
	Odor and Corrosion Control Facilities								
15i.	DAF Building and Primary Clarifiers 5 and 6	B	170.0 UR	820.0 UR	1,460.0 UR				
15j.	Facility Liftstation and Inlet Headworks	B				120.0 UR		494.0 UR	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS (000's)		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
		YEAR	FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
													15.
200.0	Unknown	None		200.0	GCP	2, 6		20.0		180.0			15a.
4,100.0	Unknown	18.0	97-00	4,118.0	GCP	2, 6		350.0		3,750.0			15b.
1,635.0	3,309.0	264.0	97-00	5,208.0	GCP	2, 7		90.0		1,545.0			15c.
2,700.0	Unknown	1,697.0	98-00	4,397.0	GCP	2, 7				2,700.0			15d.
905.0	4,150.0	1,102.0	95-00	6,157.0	GCP	2, 6		250.0		657.0			15e.
14,500.0	3,200.0	9,491.4	91-00	27,191.4	GCP	2, 6		900.0		13,600.0			15f.
66.0	8,040.0	None		8,106.0	GCP	2		66.0					15g.*
300.0	Unknown	None		300.0	GCP	2, 7		30.0		270.0			15h.
2,450.0	Unknown	None		2,450.0	GCP	2		240.0		2,210.0			15i.
614.0	Unknown	None		614.0	GCP	2		61.0		553.0			15j.

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: WASTEWATER

(1)	(2)	(3)	5% Inflation per year (4)						
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	
16.	NORTHEAST IMPROVEMENTS								
16a.	Grit Removal Facilities Improvements	B				220.0 UR		752.0 RB	
16b.	Solids Handling Improvements - Anaerobic Digester Modifications & Improvements (Continuation, 502126)	A	635.0 UR	870.0 UR	420.0 UR		670.0 RB		
16c.*	Replace Influent Bar Screening Equipment	B		40.0 UR	460.0 UR				
16d.*	Bio-Tower Upgrades and Improvements	C							50.0 UR
16e.*	Primary Clarifiers - Modifications & Improvements	C							80.0 UR
16f.	Nitrification Facilities (Continuation, 502510)	A	1,500.0 UR	700.0 UR	600.0 UR		500.0 UR		
16g.	Paving in 70th St (I-80 to Bluff Rd)	A	21.4 UR						
17.	ELECTRICAL CONTROL AND AUTOMATION IMPROVEMENTS AT TREATMENT FACILITIES (Continuation 502390)	C			100.0 UR			110.0 UR	
18.	FACILITIES PLAN UPDATE	A							100.0 UR
	FUNDING SOURCE BREAKDOWN:								
	DC (Developer Contribution)		0.0	190.0	170.0	0.0	0.0	0.0	0.0
	OF (Other Financing)		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	UR (Utility Revenues)		8,504.6	10,009.6	5,004.8	2,520.6	2,012.5	1,588.9	
	RB (Revenue Bonds)		0.0	0.0	4,000.0	7,310.0	7,411.0	5,779.0	
	DIVISION TOTAL:		8,504.6	10,199.6	9,174.8	9,830.6	9,423.5	7,367.9	

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
972.0	Unknown	None		972.0	GCP	2		100.0			872.0		16.
2,595.0	1,266.0	615.0	96-00	4,476.0	GCP	2, 7					2,595.0		16a.
500.0	Unknown	None		500.0	GCP	2		40.0			460.0		16b.
50.0	940.0	None		990.0	GCP	2		50.0					16c.*
80.0	Unknown	None		80.0	GCP	2		80.0					16d.*
3,300.0	Unknown	2,092.0	91-00	5,392.0	GCP	2		270.0			3,030.0		16e.*
21.4	Unknown			21.4	GCP						21.4		16f.
210.0	375.0	2,600.0	91-00	3,185.0	GCP	2		30.0			180.0		16g.
100.0	240.0	None		340.0	GCP	2						100.0 (Studies)	17.
360.0													18.
0.0													
29,641.0													
24,500.0													
54,501.0													